

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GLS STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KSFO	<u>PROCEDURE NAME</u> GLS RWY 28L	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SAN FRANCISCO	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 13	<u>TDZE</u> 13	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> GLS	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> 12/02/2021	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ARCHI	IAF	PONKE		TF	FB	1.00	237.62	6.07	6000
FAITH	IAF	DIVEC		TF	FB	1.00	284.53	3.98	7000
DIVEC		PONKE		TF	FB	1.00	284.07	3.30	6000
PONKE		WETOR		TF	FB	1.00	284.03	3.31	5000
WETOR		ROKME		TF	FB	1.00	283.99	3.31	4000
ROKME		HEMAN		TF	FB	1.00	283.96	2.97	3100
EDDY	IAF	SIDBY		TF	FB	1.00	330.71	4.71	4000
SIDBY	IAF	HEMAN		TF	FB	1.00	330.69	5.17	3100
HEMAN	IF	DUYET		TF	FB	1.00	283.92	4.30	1800
DUYET	PFAF	RW28L	MAP	TF	FO	0.30	283.88	5.74	
RW28L	MAP	1020 MSL		CA			283.88		1020
1020 MSL		OLYMM		DF	FO	1.00			4000

MISSED APPROACH

MAP:

GLS: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1020 THEN CLIMBING LEFT TURN TO 4000 DIRECT OLYMM AND HOLD.

*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 330 FEET PER NM TO 1600; IF UNABLE TO MEET CLIMB GRADIENT, SEE RNAV (GPS) RWY 28L.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT HEMAN

3. FAC: 283.88 PFAF: DUYET DIST PFAF TO MAP: 5.74 DIST FAF TO THLD:

4. MIN ALT: HEMAN 3100, DUYET 1800

5. DIST TO THLD FROM PFAF: 5.74 MM: IM: 150 HAT: 200 HAT: 0.49 GS ANT:

6. MIN GS INCPT: 1800 GS ALT AT PFAF: DUYET 1800 OM: MM: IM:

7. GP ANGLE: 2.85 34:1: IS CLEAR 20:1: IS CLEAR TCH: 52.6

8. MSA FROM: RW28L 5000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. SIMULTANEOUS OPERATIONS REQUIRE USE OF VERTICAL GUIDANCE; MAINTAIN LAST ASSIGNED ALTITUDE UNTIL ESTABLISHED ON GLIDEPATH.

CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 213.

CHART PROFILE NOTE: VGSI AND GLS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

CHART SPEED ICON IN PLANVIEW AT EDDYY: MAX 240 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 7000 AT ARCHI.

CHART MANDATORY 6000 AT EDDYY.

HOLD E, LT, 278.21 INBOUND.

GBAS CHANNEL # 21037

REFERENCE PATH ID: G28B

LTP HAE: -28.8 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA

CATEGORY:	A			B			C			D			E		
	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
GLS DA*	213	2400	200	213	2400	200	213	2400	200	213	2400	200			

CHANGES - REASONS



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZOA, NORCAL APP CON, SFO ATCT, CITY & COUNTY OF SAN FRANCISCO

FLIGHT CHECKED BY
PENDING

Digitally signed by
JASON KRETSCHMER
Sep 28, 2021

OFFICE

DATE

DEVELOPED BY
RUSSELL ROSLEWSKI

Digitally signed by
RUSSELL ROSLEWSKI
Sep 01, 2021

OFFICE
AJV-A421

DATE
07/20/2021

APPROVED BY
MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
Sep 28, 2021

OFFICE
AJV-A420

DATE

TITLE
MANAGER

